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(21) Application number: **06235695**(71) Applicant: **TOSHIBA CORP**(22) Date of filing: **29.09.94**(72) Inventor: **YASUKI SEIJIROU**(54) **TELEVISION SIGNAL PROCESSOR**

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(57) Abstract:

PURPOSE: To provide a television signal processor which can suppress the deterioration of image quality in a moving picture even if an image is magnified/ reduced.

CONSTITUTION: A vertical up sample circuit 102 inserts a temporary scanning line into a skip scanning signal. Time direction LPF 103 and HPF 113 separate a time high band component and a time low band component and execute scanning line conversion. Respective signal components are down-sampled by down sample parts 104 and 114 and signal processing parts 105 and 115 execute arithmetic processing in a vertical direction, remove return components owing to skip scanning and execute a compression/expansion processing for the respective pictures. The time high band component and the low component are up-sampled again by up-sample parts 106 and 116 after the processing is terminated. Time direction LPF 107 and HPF 108 execute filtering in a time direction. The both components are added by an adder 120 and it is outputted from an output terminal 121 as a final picture.

